| Index of Claims | Application No.  |
|-----------------|------------------|
|                 | 09/606,730       |
|                 | Examiner         |
|                 | Emerson C Puente |

| Applicant(s) |  |
|--------------|--|
| WILSON ET AL |  |
| Art Unit     |  |
| 2113         |  |

| √ | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | Α | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | ÷ | Restricted                     | ı | Interference | 0 | Objected |

| Cla  | aim      |         |          | ī      | Date   | €        |                 |   | Γ.       | Cla      | im       |   |          |          | D         | ate      |          | -             |         |          | Cla   | im       |                 |             |          | Date   | e               |          |          |          |
|--|----------|---------|----------|--------|--|----------|-----------------|---|----------|----------|----------|---|----------|----------|-----------|----------|----------|---------------|---------|----------|-------|----------|-----------------|-------------|----------|--|-----------------|----------|----------|----------|
|  |          |         |          | Т      |  |          |                 | T                                       |          |          |          |   |          |          | Ī         | Ī        | Т        | $\top$        | П       | Ì        |       |          | П               | $\neg \top$ | Т        | T  |                 | П        | П        | $\neg$   |
| ā  | Original | 1/15/05 |          |        |  |          |                 |   |          | ā        | Original |   |          |          |           |          |          |               |         |          | ā     | Original | 1               |             |          |  |                 | - 1      | -        |          |
| Final  | Ē        | 115     |          |        |  |          |                 |   |          | Finat    | Ē        |   |          |          |           |          |          |               |         |          | Finat | Ē        |                 |             |          | ŀ  |                 |          | 1        | l        |
| -  | 0        | -       | 1        |        |  |          |                 |   |          | _        | 0        |   |          | ĺ        |           |          |          |               |         |          | _     | Ö        |                 |             |          |  |                 |          |          | - 1      |
|  | 1        | -       | $\dashv$ | +      | $\vdash$   |          | $\vdash$        | $\dashv \dashv$                         | <u> </u> |          | 51       | 0   | -        | -        | $\dashv$  | $\dashv$ | +        | +             | 1       |          |       | 101      |                 | _           | ╁╌       | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | 러        |
|  | 2        | -       | +        | +      | <del>                                     </del> |          | +               | +                                       | $\vdash$ |          | 52       | =   |          | -        | _         | +        | +        | +             | +       |          |       | 102      | $\vdash$        |             | +-       | -  | Н               | $\dashv$ | $\dashv$ |          |
|  | 3        | -       | +        | +      | <del> </del>                                     | $\vdash$ | $\dashv$        | $\dashv \dashv$                         | F        |          | 53       | =   |          | -        | $\dashv$  | -+       | ╅        | +             | +       | 1        |       | 103      | $\vdash$        | +           | ╁        | ├  | $\vdash$        | -        | $\dashv$ | ⊣        |
|  | 4        | 1       | +        | +-     | -  | -        | -               | $\dashv \dashv$                         | -        | -        | 54       | =   |          | $\dashv$ | -         | $\dashv$ | +        | +             | +       |          |       | 103      | -               |             | ╁        | ┢  | -               | $\dashv$ | -+       |          |
|  | 5        | V       |          | +-     | -  | -        | $\vdash$        | $\dashv$                                | -        |          | 55       | Ť   | -        | $\dashv$ | -         | +        | +        |               | +       | }        |       | 105      |                 | -+          | +        | $\vdash$   | H               | $\dashv$ | $\dashv$ |          |
|  | 6        | 7       |          | +      | <u> </u>   |          | +               | +                                       | H        | -        | 56       | $\vdash$  |          | $\dashv$ | •         | ╅        | +        |               | +       |          |       | 106      | -               |             | +        | ┢  | $\vdash$        |          | $\dashv$ |          |
|  | 7        | 1       |          | +      |  |          | -               |   | ⊢        |          | 57       | -   |          | $\dashv$ | +         | $\dashv$ | +        |               | +       | }        |       | 107      | $\vdash$        | +           | ╁        | ├  | -               |          |          | _        |
|  | 8        | =       | -        | +      |  | _        | -+              | +                                       | -        |          | 58       | $\vdash$  |          | $\dashv$ | -         | -+       | +        | +-            | ╁       |          |       | 108      | -               |             | ╁        | ┢  | Н               | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>   | 9        | =       | +        | +      | -  | $\vdash$ | +               | +                                       | ⊢        |          | 59       | H   |          | $\dashv$ | +         | -        | +        |               |         | }        |       | 109      | $\vdash$        | -           | +        | ⊢  | -               | $\dashv$ | $\dashv$ | _        |
| -  | 10       | =       |          | +      |  | $\vdash$ | +               | +                                       | ⊢        |          | 60       | -   |          | -        | -         | -+       | +        |               | +       | }        |       | 110      | $\vdash$        |             | +        | $\vdash$   |                 | $\dashv$ | $\dashv$ | _        |
| <u> </u>   |          | -       |          | +      | ⊢  | H        | -+              |   | ⊢        |          |          | H   |          | $\dashv$ | +         | $\dashv$ | -+       |               | -       |          |       |          |                 | -           | ╄        | ┢  | H               | -        | $\dashv$ | $\dashv$ |
| <u> </u>   | 11       | =       | +        | +-     | $\vdash$   | Н        | $\vdash$        | +                                       | $\vdash$ |          | 61       | -   | $\vdash$ | $\vdash$ | -+        | +        | -+-      |               | +       |          |       | 111      | $\vdash$        | -+          | ╁        | ├-   | Н               |          |          |          |
| <u> </u>   |          | _       |          | +-     |  | -        | <del></del>     | +                                       | ⊢        | -        | 62       | $\vdash$  | $\vdash$ | $\vdash$ |           | $\dashv$ | +        | +             | -       |          |       | 112      | dash            | -           | +        | ├-   | $\vdash$        | -        |          |          |
| <u> </u>   | 13       | =       | +        | +-     | <b>-</b>   | $\vdash$ | -               | $\dashv\dashv$                          | F        |          | 63       | H   | Ш        | $\perp$  | _         | -+       | -        |               |         |          |       | 113      | $\vdash \dashv$ | $\perp$     | +        | ⊢  | <u> </u>        | -        |          | _        |
| <u> </u>   | 14       | =       |          | +      | $\vdash$   | Щ        | $\vdash \vdash$ | +                                       | $\vdash$ | -        | 64       | $\vdash$  |          | $\dashv$ | -         | -        |          | +             |         |          |       | 114      | ertert          |             | +        | ├  | $\vdash \vdash$ |          |          |          |
| ļ  | 15       | =       |          | +-     | -  | $\vdash$ | $\vdash \vdash$ | $\dashv$                                | ⊢        |          | 65       | H   | _        | _        | 4         |          | _        | -             | +       |          |       | 115      | $\sqcup$        | +           | $\perp$  | -  |                 |          |          | _        |
| <u> </u>   | 16       | =       | +        | +      |  |          | $\vdash \vdash$ | -                                       | ļ.       |          | 66       |   |          | $\sqcup$ | _         | _        | $\perp$  | $\perp$       |         |          |       | 116      | $\sqcup$        |             | $\perp$  | _  | Щ               |          | _        |          |
| <u> </u>   | 17       | =       | -        | +-     | <u> </u>   | Щ        | $\vdash$        | $\dashv$                                | L        |          | 67       | lacksquare  |          |          | _         | _        | 4        | _             | $\perp$ |          |       | 117      | $\square$       | $\perp$     | 1        | ļ  |                 |          | _        | _        |
|  | 18       | =       | _        | $\bot$ |  | Ш        |                 |   | -        |          | 68       | _   |          | _        | _         | _        | _        | $\perp$       | $\bot$  |          |       | 118      | _               |             | 1        | _  |                 |          |          |          |
|  | 19       | =       | _        | _      |  |          | $\perp$         | Щ                                       | _        |          | 69       | $ldsymbol{le}}}}}}$ |          | $\perp$  | _         | _        | _        |               | 4       |          |       | 119      |                 | _           | _        | _  | _               |          | _        |          |
|  | 20       | =       |          | ↓      |  |          |                 |   | L        |          | 70       | _   | _        |          | _         | _        | $\perp$  | $\perp$       | $\perp$ |          |       | 120      |                 |             | <u> </u> |  |                 |          |          |          |
|  | 21       | =       |          |        |  |          |                 | Ш                                       | L        |          | 71       |   |          |          | _         |          | $\perp$  | ┸             |         |          |       | 121      |                 |             |          | 乚  |                 |          |          |          |
|  | 22       | 0       |          |        |  |          |                 | $\perp$                                 | L        |          | 72       |   |          |          |           |          |          | _ _           |         |          |       | 122      |                 |             |          |  |                 |          |          |          |
| <u> </u>   | 23       | 0       |          |        |  |          |                 |   | L        |          | 73       |   |          |          |           |          |          |               |         | Į        |       | 123      |                 | L_          | I        |  |                 |          |          |          |
| L  | 24       | 0       |          |        |  |          |                 |   |          |          | 74       |   |          |          |           |          |          |               |         |          |       | 124      |                 |             |          |  |                 |          |          |          |
|  | 25       | 0       |          |        |  |          |                 |   |          |          | 75       |   |          |          | $\exists$ |          |          |               |         |          |       | 125      |                 |             |          |  |                 |          | П        | П        |
|  | 26       | =       |          |        |  |          |                 |   | Γ        |          | 76       |   |          |          | П         |          | Т        | $\neg \vdash$ |         |          |       | 126      |                 |             | Т        |  |                 |          | $\neg$   |          |
|  | 27       | =       |          |        |  |          |                 |   | Γ        |          | 77       |   |          |          | $\neg$    |          | П        | $\neg \vdash$ |         |          |       | 127      |                 |             |          |  |                 |          | コ        |          |
|  | 28       | =       |          |        |  |          |                 |   | Γ        |          | 78       |   |          |          |           |          |          |               |         |          |       | 128      |                 |             | Т        |  |                 | $\neg$   |          |          |
|  | 29       | =       |          |        |  |          |                 |   |          |          | 79       |   |          |          |           |          |          |               | 7-      | 1        | T i   | 129      |                 |             |          |  |                 |          | ヿ        |          |
|  | 30       | =       | T        |        |  |          |                 |   | F        |          | 80       |   |          |          |           | T        |          | 1             |         |          |       | 130      |                 |             |          |  |                 |          | $\neg$   |          |
|  | 31       | =       |          | 1      |  |          |                 |   |          |          | 81       |   |          |          |           | T        | $\top$   |               | $\top$  |          |       | 131      |                 |             | T        | 1  |                 | $\neg$   | ᄀ        | _        |
|  | 32       | =       | $\top$   | T      |  |          |                 | 1                                       |          |          | 82       |   |          |          |           |          | 7        | $\neg$        |         |          |       | 132      |                 |             | T        | 1  |                 |          | ヿ        |          |
|  | 33       | =       |          | 1      |  |          |                 |   |          |          | 83       |   |          | $\Box$   | T         | $\neg$   | 1        | $\top$        | $\top$  | İ        |       | 133      |                 |             |          | 1  |                 | $\neg$   | $\neg$   | _        |
|  | 34       | =       |          | 1      | П  |          | $\Box$          | $\sqcap$                                |          |          | 84       |   |          |          | 寸         | $\top$   | _        | 十             |         |          |       | 134      | $\Box$          |             | T        | T  | П               | $\neg$   | 一        | _        |
|  | 35       | =       | $\dashv$ | T      | П  |          |                 | $\top$                                  |          |          | 85       | $\Box$  |          |          |           | $\dashv$ | $\top$   | $\top$        | 1       |          |       | 135      |                 | _           | 1        | <u> </u>   | П               |          | ᅥ        | $\neg$   |
|  | 36       | =       |          | T      | П  |          |                 | $\top$                                  |          |          | 86       |   |          |          | $\dashv$  | 十        | $\top$   | 十             | 1       |          |       | 136      | -               | -           | 1        | T  | П               | $\dashv$ | ┪        | $\neg$   |
|  | 37       | =       | 1        | T      |  |          | $\vdash$        | $\dashv \dashv$                         |          |          | 87       | $\vdash$  | $\dashv$ | $\dashv$ | 寸         | $\dashv$ | 十        | $\top$        | $\top$  |          |       | 137      |                 | +           | +-       | $\vdash$   | Н               | -        | 一        | $\neg$   |
|  | 38       | 葍       |          | $\top$ | П  | $\neg$   |                 | $\top$                                  | <br>     |          | 88       |   |          |          | +         | 十        | $\dashv$ | +             | $\top$  | }        |       | 138      |                 |             | +-       | <del>                                     </del> | Н               | $\dashv$ | $\dashv$ | -        |
| <b></b>  | 39       | =       | $\dashv$ | +      | Н  | Н        | -               | $\dashv \dashv$                         | <u> </u> |          | 89       | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | +             | +       |          |       | 139      | $\vdash$        | _           | +        | <del> </del>                                     | Н               | $\dashv$ | $\dashv$ | -        |
| $\vdash$   | 40       | 1       |          | 1      | Н  |          | +               | +                                       | <b>-</b> |          | 90       | Н   | -        | $\dashv$ | $\dashv$  | +        | +        | +             | +       |          |       | 140      | $\dashv$        | _           | +        | $\vdash$   | Н               | $\dashv$ |          | -        |
| <u> </u>   |          | 1       | +        | +      | Н  | H        | <del>   </del>  | +                                       | -        |          | 91       | Н   | 一        | $\dashv$ | +         | +        | +        | +             | +       |          |       | 141      |                 | -+-         | +        | $\vdash$   | Н               | -+       | $\dashv$ |          |
| <b>—</b>   | 42       | 1       | +        | +      | Н  | $\vdash$ |                 | +                                       | ⊢        | $\dashv$ | 92       | Н   | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | +        | $\dashv$      | +       |          |       | 142      |                 |             | +        | $\vdash$   | $\vdash$        | $\dashv$ | -        | _        |
| ——   | 43       | 1       | +        | +      | Н  | $\vdash$ | -+              | +                                       | ⊢        |          | 93       | $\vdash$  | $\dashv$ | -        | $\dashv$  | +        | +        | +             | +       |          |       | 143      |                 | $\dashv$    | +        | $\vdash$   | $\vdash$        | -+       | $\dashv$ |          |
| <u> </u>   | 44       | -       | -        | +-     | ┼┼   | $\vdash$ | -               | $\dashv\dashv$                          | -        |          | 94       | Н   | $\dashv$ | $\dashv$ | $\dashv$  | +        |          |               | +       |          | -     | 144      | $\dashv$        | +           | +        | -  | Н               | -        | $\dashv$ | $\dashv$ |
| <del>                                     </del> | 45       | =       | +        | +      | Н  | $\vdash$ | -               | +                                       | $\vdash$ |          | 95       | Н   | -        |          | $\dashv$  | $\dashv$ | +        | +             | +       | <b> </b> |       | 145      | $\dashv$        | $\dashv$    | ╁        | +-   | $\vdash$        | $\dashv$ | $\dashv$ |          |
| -  | 45       | =       |          | +      |  |          |                 | +                                       | $\vdash$ |          | 96       | Н   | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | +        | +             |         |          |       |          |                 | +-          | ╁        |  | Н               | -        | $\dashv$ | _        |
| <u> </u>   |          |         |          | +      | $\vdash$   | Н        | $\dashv$        | $\dashv\dashv$                          | -        |          | 96       | Н   | -        | $\dashv$ | +         | $\dashv$ | -        | +             | +       |          |       | 146      | $\vdash$        |             | +-       |  | $\vdash \vdash$ |          |          | _        |
| <u> </u>   | 47       | =       | +        | ╁      | $\vdash$   | Щ        | $\vdash$        | +                                       | -        |          |          | Н   |          | -        | -         | $\dashv$ | +        | +             | +       |          |       | 147      |                 | +           | +        | $\vdash$   | Ш               |          |          | _        |
| <u> </u>   | 48       | =       | +        | +-     | Н  | Ш        | -               | $\dashv\dashv$                          | F        |          | 98       | Н   | _        | _        | $\dashv$  | -        | $\dashv$ |               | +       |          |       | 148      | $\sqcup$        |             | ┼        |  | $\vdash$        | _        |          | 4        |
| <u> </u>   | 49       | =       |          |        | Н  |          |                 | 4-4                                     | $\vdash$ |          | 99       | $\vdash$  | _        | $\dashv$ | $\dashv$  | $\dashv$ | -        | +             | +       |          |       | 149      |                 | -           | ┦_       | <u> </u>   | $\vdash$        |          | -        | _        |
|  | 50       | 0       | L_       |        | Ш  | لـــا    |                 | لــــــــــــــــــــــــــــــــــــــ | L        |          | 100      | Ш   |          |          |           |          | L_       |               |         | l        |       | 150      |                 | L_          | 1        | <u></u>  |                 |          |          | $\sqcup$ |